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METHOD AND DEVICE FOR CONTROLLING THE DRIVING DYNAMICS OF A VEHICLE

BACKGROUND OF THE INVENTION

The present invention relates to a method for controlling the driving dynamics of a vehicle, in which the steering movement is carried out as a function of a set value, which is calculated as a function of a deviation between a desired value and an actual value of a vehicle state variable.

The invention also relates to a device for controlling the driving dynamics of a vehicle with a controlling unit, which, based on the deviation of an acquired actual value of a vehicle state variable from a predetermined desired value, determines a set value, on the basis of which a steering movement is carried out.

ESP systems, which are used in cars to carry out an electronic stability program (ESP) according to the state of the art intervene for the purpose of stabilizing the vehicle in a brake system and in a combustion motor management. As a result of the interventions, yaw moments are generated in the process, which act against oversteering or understeering of the vehicle and against interfering moments which cause interfering yaw movements of the vehicle.